

70051-113

1/6/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 06 2014

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Susan Gallagher
Regulatory Affairs Associate
Certis USA L.L.C.
9145 Guilford Road
Suite 175
Columbia, MD 21046

Subject: Product Name: Thuricide HPC-O RTU
EPA Reg. No.: 70051-113
Application for Notification Dated: November 4, 2013

Dear Ms. Gallagher:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PRN 98-10, and it has been determined that the action requested falls within the scope of PRN 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification accepted" and placed accordingly in our records.

Questions concerning this action should be directed to Michael Glikes at (703)305-6231 or glikes.michael@epa.gov.

Sincerely,

A handwritten signature in black ink, which appears to read "Kimberly Nesci", is written over a pre-printed name.

Kimberly Nesci, Chief
Microbial Pesticides Branch
Biopesticides & Pollution Prevention Division

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080

Print Form



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 70051-113	2. EPA Product Manager Kimberly Nesci	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Thuricide HPC-O RTU	PM# Microbial Pesticides Branch	
5. Name and Address of Applicant (Include ZIP Code) Certis U.S.A. L.L.C. 9145 Guilford Road, Suite 175 Columbia, MD 21046 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 70051-106 Product Name Thuricide HPC-O	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Addition of container handling statements per PR-Notice 2007-4 for packaging sizes greater than 5 gallons, addition of referral statement.

Please see attached Certification Statement.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 4.8, 16 fl oz.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Susan Gallager		Title Reg. Affairs Associate		Telephone No. (Include Area Code) 301-483-3810	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature Susan Gallager		3. Title Regulatory Affairs Associate			
4. Typed Name Susan Gallager		5. Date Nov. 4, 2013			

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Thuricide® HPC-O RTU

FOR HOME & GARDENS

BIOLOGICAL INSECTICIDE

Controls worms and caterpillars on Fruits, Vegetables, Ornamentals and Shade Trees
in and around the home garden



For Organic Gardening

Notification Accepted

Date: 1/6/2014
Glukes

Reviewer: Net Contents: 4 (or 8, or 16) Fl. Oz.
or 250 Gallons

EPA Reg. No. 70051-113
EPA Est. No. 70051-CA-001
Lot Number:

Manufactured by
Certis USA, L.L.C.
9145 Guilford Road
Suite 175
Columbia, MD 21046

CERTIS

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *kurstaki* strain SA-12 solids, spores and
Lepidopteran active toxins (At least 6 million viable spores per mg)* 9.83 %
OTHER INGREDIENTS: 90.17 %
TOTAL: 100.00 %

* The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See inside panel(s) for additional Precautionary Statements, First Aid Statements, Directions for Use, and Storage and Disposal Statements

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION:

Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling.

Environmental Hazards

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

FIRST AID

If in **eyes**: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Hot Line Number: 1-800-255-3924.

Thuricide HPC-O RTU is an easy to mix liquid concentrate.

Properties include:

Kills worms and caterpillar stage insects, but has no effect on birds, earthworms, or beneficial insects, such as honeybees and ladybugs, when used as directed.

Worms and caterpillars eat treated foliage then immediately stop feeding and damaging plants.

Acceptable for use on edible plants up to the day of harvest.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For Use: Apply Thuricide HPC-O RTU when worms or caterpillars are first noticed, then repeat at five (5) to seven (7) day intervals while they are active. Apply more frequently to control heavy infestations. Apply thoroughly to top and bottom of foliage. Reapply after heavy rains.

Thuricide HPC-O RTU must be eaten by worms or caterpillars to be effective. After ingesting the insecticide, they immediately stop feeding, though they may otherwise appear to be unaffected for several days. Best results are obtained by treatments when worms are small; they must be actively feeding treated; exposed foliage. You may apply Thuricide HPC-O RTU up to and on the day of harvest.

How to Apply: Always shake Thuricide HPC-O RTU thoroughly before use.

Spray leaf surfaces thoroughly, top and bottom, for complete control. Shake regularly while spraying.

Fruits and Vegetables: Spray all plant foliage. Apply at first sign of infestation and repeat at weekly intervals when needed to insects in the fruit and vegetable garden:

Cabbage Looper, Armyworms, Hornworms, and other Lepidopteran (moth) pests on broccoli, cauliflower, collards, kale, mustard greens, turnip greens, cabbage, celery, lettuce, pepper, eggplant, melons, and tomatoes, cauliflower, kale, mustard greens, collards, turnip greens

Shade Trees & Ornamentals in and around the Home:

Spray at first sign of infestation and repeat at weekly intervals when needed to maintain control. Apply to thoroughly cover all foliage surfaces of shade trees and ornamentals for control of the following leaf-feeding worms:

Bagworm	Spring Cankerworm
Fall Cankerworm	Gypsy Moth*
Tent Caterpillar	Elm Spanworm
Fall Webworm	

*Apply when buds swell, but before leaves are fully open. If eggs hatch over a long period of time or if reinfestation occurs, spray about 14 days after first application.

STORAGE AND DISPOSAL

Pesticide Storage: Store in a cool place. Activity may be impaired by storage at temperatures above 90°F.

Pesticide Disposal and Container Handling:
Nonrefillable container. Do not reuse or refill this container.

-for containers less than or equal to 5 gallons-

If empty: Place in trash or offer for recycling, if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

-for containers greater than 5 gallons-

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

Certis USA, L.L.C. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OF MERCHANTABILITY IS MADE.